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Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Daniel Yap, et al.

) Re: Information Disclosure

) Statement

Serial No.: 10/824,197

) Group: 2633

Filed: April 13, 2004

) Examiner: not yet assigned

For: "METHOD AND APPARATUS FOR WAVEFORM  
GENERATION" ) Date: January 18, 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA, 22313-1450

Sir:

In accordance with the Applicants' duty to disclose information which may be material to the examination of this application, the undersigned respectfully requests that the Examiner consider on the merits the documents listed on the enclosed Form PTO-1449 (modified) before issuing the first Office Action on the merits. Copies of the Foreign Patent Documents and non-patent documents listed on the enclosed Form PTO-1449 (modified) are enclosed. Copies of the U.S. patent documents listed on the enclosed Form PTO-1449 (modified) are not enclosed in accordance with 37 C.F.R. § 1.98(a) (2) (ii).

The filing of this Information Disclosure Statement (IDS) shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

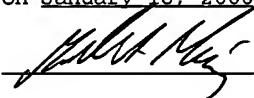
The Applicants believe that this IDS is being submitted before the issuance of a first Office Action on the merits and before the issuance of a Final Rejection or Notice of Allowance. Therefore, no official fees should be due; and this IDS should be considered on the merits. If this IDS is being submitted after the issuance of the first Office Action on the merits and before the issuance of a Final Rejection or Notice of Allowance, please contact the undersigned to authorize a payment of \$180.00 (or any other required amount), which is the fee set forth in 37 C.F.R. § 1.97(c), if the Examiner believes that such a fee is due in order for this IDS to be considered on the merits.

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The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

The person making this statement is the practitioner who signs below on the basis of information supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)) and on the basis of information in the practitioner's file.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450", on January 18, 2006 by Guillermo Gonzalez.



Respectfully submitted,



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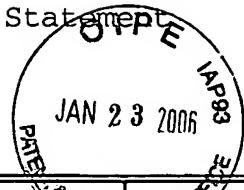
Enclosures: Form PTO-1449 (modified) (2 pages)  
Copy of Foreign Patent document listed on Form PTO-1449  
(modified)  
Copies of Non-Patent documents listed on Form PTO-1449 (modified)

## Information Disclosure Statement

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Form PTO-1449 (Modified) Page 1 of 2		TRADEMARK PATENT DOCKET NO. B-4711 620051-9	U.S. SERIAL NO. 10/824,197			
LIST OF PATENTS AND PUBLICATIONS STATEMENT		APPLICANTS Daniel Yap, et al.				
		FILING DATE April 13, 2004	GROUP 2633			
U.S. PATENT DOCUMENTS						

	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUB-CLASS	FILING DATE or 102(e) DATE IF APPROPRIATE
	10/696,607		Yap			10/28/2003
	10/766,103		Ng, et al.			1/24/2004
	6,061,369	5/2000	Conradi	372	6	
	6,195,187	2/2001	Soref, et al.	398	9	
	6,215,592	4/2001	Pelekhaty	359	260	
	2001/0038313	11/2001	Johnson, et al.	331	135	
	2002/0021464	2/2002	Way	359	124	
	2002/0122615	9/2002	Painter, et al.	385	15	
	2003/0003961	1/2003	Li, et al.	455	562	
	2003/0080898	2/2003	Wang, et al.	342	359	
	2004/0120638	6/2004	Frick	385	27	
	2004/0264977	12/2004	Yap, et al.	398	161	
	6,940,878	9/2005	Orenstein, et al.	372	20	
	5,428,814	6/1995	Mort, et al.	455	12.1	
	5,504,774	4/1996	Takai, et al.	375	134	
	5,861,845	1/1999	Lee, et al.	342	375	
	5,933,113	8/1999	Newburg, et al.	342	375	
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	6,388,787 A1	05/2002	Bischoff	359	187	

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Form PTO-1449 (Modified) Page 2 of 2	ATTY DOCKET NO. B-4711 620051-9	U.S. SERIAL NO. 10/824,197
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	FILING DATE April 13, 2004	GROUP 2633

U.S. PATENT DOCUMENTS

	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUB-CLASS	FILING DATE or 102(e) DATE IF APPROPRIATE
	6,452,546 B1	9/2002	Stephens	342	368	
	6,731,829	5/2004	Ionov	385	15	

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	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
	07-26136	7/1995	JP			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Abstract of JP 07-264136, Patent Abstracts of Japan, Vol.1996, No. 2 (February 1996)	
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Narayan, A., et al., "High-Efficiency Waveguide Coupled $=1.3 \mu\text{m}$ $\text{In}_x\text{Ga}_{1-x}\text{As}/\text{GaAs}$ MSM Detector Exhibiting Large Extinction Ratios at L and X Band," IEEE Photonic Technology Letters, vol. 5, pp. 514-517 (1993)	
Ng, W., et al., "High-Speed Single-and Multi-Element Fiber-Grating Coupled Diode laser Transmitters for WDM Networks," IEEE, pp. 362-363 (1998)	
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Zmuda, H., et al., "Photonic Beamformer for Phased Array Antennas Using a Fiber Grating Prism," IEEE Photonics Technology Letters, vol. 9, No. 2 pp. 241-243 (February 1997)	

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